



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

Cremation Compliance Workgroup

Inspection Initiative

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Cremation

Scholars generally agree that cremation began about 5000

years ago.



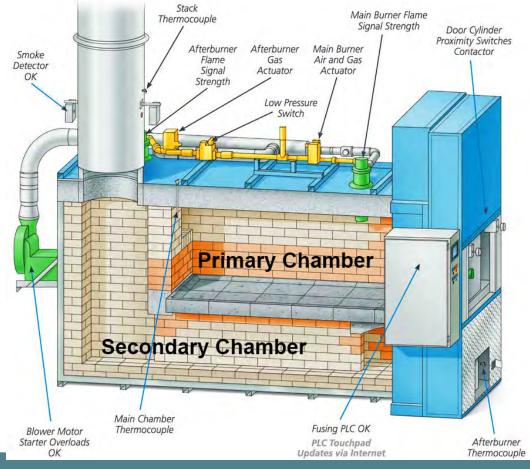




Cremation

Modern cremation unit.

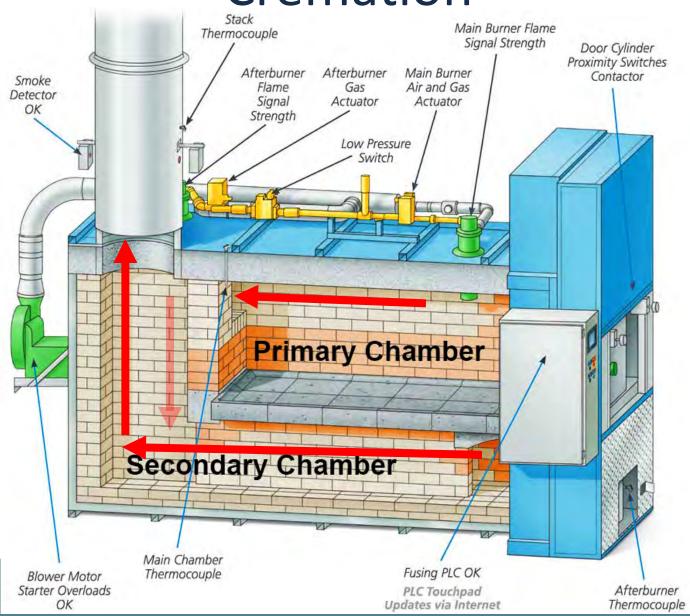








Cremation





Complaints

• Crematories are a controversial source category.





Complaints











Cremation Issues

- Minor source category that can consume a disproportionate amount of time due to complaints.
- Repeated odor and smoke complaints.
- Growing industry.
- Coronavirus pandemic.
- More frequent operation at maximum capacity.





Cremation Compliance Workgroup

Review process and suggest changes to address compliance

issues.







CCW Subgroups

- PTI Template Language
- Health Effects
- Outreach
- Education





CCW Subgroup

- PTI Template Language
 - Talking with owners/operators
 - Communicating with manufacturers
 - Coordinating with CANA
 - Reviewing other State's regulations





CCW Subgroup

- Health Effects
 - Reviewed radiation hazards
 - Reviewing pathological hazards



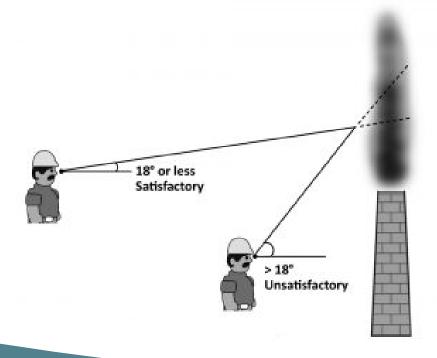




Compliance and Enforcement Issues

Emissions

Method 9 Visible Emissions / Stack height









Compliance and Enforcement Issues

Facility

- Operator knowledge of equipment design and operation.
- Maintenance
- Recordkeeping
- Regulatory vs. Practical vs. Actual operation
- Inspector knowledge





Conclusion

Pathological incinerator source category:

- Conduct regulatory review.
- Revaluate health and safety risks to employees and public.
- Update Permit to Install template language, appendix, and create recordkeeping forms.
- White paper.





Questions?

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